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Sheet	1	of	1

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 2-83)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY

SERIAL NO.

FILING DATE

GROUP

APPLICANT

D-2131

10 ex 20/665,490

09/22/2003

Minoru Hiragaki

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	ВМАИ	CLASS	SUB- CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C LASS	TRANSLATION YES NO
BIC	2002-146921	05/22/02	Japan			Х
	11-93259	04/06/99	Japan			Х
5	4-285232	10/09/92	Japan	X		Х
	3-228938	10/09/91	Japan		<u>\</u> .	X
7	5-51999	03/02/93	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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2/15/05

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INITIAL* NUMBER LASS YES NO
2002-146921 05/22/02 Japan
11-93259 04/06/99 Japan \
/ 4-285232 10/09/92 Japan \ /
3-228938 10/09/91 Japan V
5-51999 03/02/93 Japan /
49-118512 10/09/74 Japan /
3-176526 07/31/91 Japan
51-40111 03/25/76 Japan
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.
EXAMINER  DATE CONSIDERED  2/5/05  EXAMINER: Initial if citation considered, whether or not citation is in conformance with 609; Draw line through citation if not in conformance and not considered. Include copy

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